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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/849,963	05/04/2001	John Christopher Deak	8483	9317

27752 7590 07/08/2003

THE PROCTER & GAMBLE COMPANY  
INTELLECTUAL PROPERTY DIVISION  
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CINCINNATI, OH 45224

EXAMINER
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BOYER, CHARLES I

ART UNIT	PAPER NUMBER
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1751

DATE MAILED: 07/08/2003

8

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

09/849,963

Applicant(s)

Deak et al

Examiner

Charles Boyer

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1751

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on Apr 22, 2003
- 2a) ☒ This action is FINAL. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-21 is/are pending in the application.
- 4a) Of the above, claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-21 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claims \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.  
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some\* c) ☐ None of:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  
\*See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).  
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s). 6 6) ☐ Other:

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### DETAILED ACTION

This action is responsive to applicants' amendment and response received April 22, 2003.

Claims 1-21 are currently pending.

#### *Claim Rejections - 35 USC § 102*

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(e) the invention was described in-

(1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effect under this subsection of a national application published under section 122(b) only if the international application designating the United States was published under Article 21(2)(a) of such treaty in the English language; or

(2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that a patent shall not be deemed filed in the United States for the purposes of this subsection based on the filing of an international application filed under the treaty defined in section 351(a).

2. Claims 1-8, 10, 12, 13, and 16-20 are rejected under 35 U.S.C. 102(e) as being anticipated by Perry et al, US 6,368,359.

Perry et al teach a process for stabilizing dry cleaning solutions (see abstract). An example of such a process contacts an article with decamethylcyclopentasiloxane solvent, removes the solvent, contacts the solvent with aqueous salt solutions or a weak acid mixture followed by a weak base mixture (emulsion step and pretreating step), then separates and dries (recovering and purifying step) the silicone solvent, and finally reuses the solvent (col. 4, lines 24-35 and

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example 1 and col. 10, claims 12-16). As this reference meets all material limitations of the claims at hand, the reference is anticipatory.

Applicants have traversed this rejection on the grounds that the forming of an emulsion and the pretreatment step are executed concurrently and not sequentially. The examiner notes that a weak acid solution, followed by a weak base solution meets the "sequential" limitation of the present claims and so the rejection is maintained.

3. The rejection of claims 1-18, 20, and 21 under 35 U.S.C. 102(e) as being anticipated by Berndt et al, US 6,063,135 is withdrawn in view of applicants' amendment and response.

4. Claims 1-8, 10, 12, 20, and 21 are rejected under 35 U.S.C. 102(b) as being anticipated by Durr et al, US 3,692,467.

Durr et al teach textile treating processes containing water and solvent (see abstract). Water, dye, an emulsifier, and perchloroethylene are added to a washing machine, after rinsing, the fabrics are spun, and the solvent and water are separated via vaporizing, condensing, additional separation, and coalescer (col. 4, example and claim 1).

***Claim Rejections - 35 USC § 103***

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

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(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claims 1-21 are rejected under 35 U.S.C. 103(a) as being unpatentable over Perry et al,

US 6,368,359 in view of Berndt et al, US 6,063,135.

Perry et al are relied upon as set forth above. Perry et al do not specifically teach a pretreating step that comprises filtration with activated carbon.

Berndt et al teach a method for dry cleaning articles (see abstract). An example of such a process contacts an article with a composition comprising decamethylcyclopentasiloxane solvent, detergents, and stabilizers. During the cleaning process, the composition is continuously recycled by removing the solvent and passing it through a filter containing carbon or diatomaceous earth. After cleaning, the solvent is removed by centrifugation and heating, any resulting vapor is condensed for reuse. The used solvent is purified by vacuum distillation and the resulting purified solvent is ready for reuse (col. 8, steps 1-7). Accordingly, it appears that such filtration steps are well known in the dry cleaning art and so represent an obvious choice to one of ordinary skill in the art.

### *Conclusion*

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7. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Charles Boyer whose telephone number is (703) 308-2524. The examiner can normally be reached on Monday-Friday from 9:30 AM - 6:00 PM.

If reasonable attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Yogendra Gupta, can be reached on (703) 308-4708. The fax phone number for this Group is (703) 872-9310 for non-after-final amendments and (703) 872-9311 for after-final amendments.

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Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 308-0661.

Charles Boyer

A handwritten signature in cursive script that reads "Charles Boyer". The signature is written in dark ink and is positioned to the right of the printed name.

June 30, 2003